

Message Text

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USIAEA

DEPT FOR IO/SCT AND OES/NET ONLY
DOE FOR CHARLES E. CARTER FROM WACHHOLZ

E.O. 11652: N/A
TAGS: IAEA, OCON
SUBJECT: MAJOR POINTS RAISED RE HANFORD-MARKS-STEWART-
KNEALE

1. S-K CATEGORIZATION OF HAZARDOUS OCCUPATION BY FACT
OF URINALYSIS NOT REALISTIC.
2. ESTABLISHMENT OF A RISK CATEGORY BASED ON A FINDING
IN URINALYSIS NOT VERY VALID.
3. S-K CLAIM INTERNAL EXPOSURE A FACTOR, SID COMMENTED
THAT DATA WAS HIGHLY UNCERTAIN, THERE WAS LITTLE INTENSE
INTERNAL EXPOSURE, THERE WERE ONLY THREE CANCER DEATHS
WITH INTERNAL EXPOSURE.
4. S-K ANALYSIS DOES NOT ACCOUNT FOR INCREASING LUNG
CANCER IN POPULATION WITH TIME.
5. S-K DO NOT CONSIDER POPULATION AT RISK.

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PAGE 02 VIENNA 02665 201508Z

6. S-K USE ONLY PROPORTIONAL MORTALITY -- CONSIDERED
IMPROPER.
7. S-K ANALYSED DEATHS WITHOUT REFERENCE TO SURVIVORS.
8. S-K USED MEAN ACCUMULATED MORTALITY (LAND -- WILL

NEVER GET TO SMR'S THAT WAY).

9. S-K STATED DATA TO 1977 USED, MARKS DATA ONLY TO 74.
A LARGE INCREASE IN LUNG CANCER DURING THAT TIME.

10. ALTHOUGH S-K TESTED FOR ALL CANCERS TO 77, THEY DID
NOT TEST SPECIFICALLY FOR LUNG CANCER, DESPITE CLAIM FOR
POSITIVE RESULT FOR LUNG CANCER. (LAND TESTED
SPECIFICALLY FOR LUNG CANCER AND FOUND NO CORRELATION.)

11. S-K CRITICIZED FOR ENTERING DEATHS PIECEMEAL AS THEY
COME ALONG -- INTRODUCES BIAS (GEOGRAPHIC, CAUSE OF
DEATH). SID SUGGESTED ALL DEATHS SHOULD BE ENTERED ON
A PERIODIC BASIS -- PERHAPS EVERY 2-3 YEARS.

12. S SUGGESTED THAT GILBERT ANALYSIS WAS BIASED SINCE
FEWER OBSERVATIONS THAN EXPECTED WERE NOTED FOR NON-
CANCER CASES IN THE HIGHER EXPOSURE CATEGORIES. (SID
SAID THAT THE ANALYSIS WAS CONTROLLED IN BOTH DIRECTIONS
AND FOUND TO BE NOT SIGNIFICANT.)

13. COMMENT MADE THAT S-K REPORTED ONE DOUBLING DOSE
LAST YEAR, NOW ANOTHER ONE, WHAT NEXT YEAR?

14. SUGGESTED THAT MEDICAL HISTORY OF PANCREATIC CANCER
DEATHS BE INVESTIGATED (IN VIEW OF PETER SMITH'S FINDINGS
IN SPONDYLOLYTICS IN THE UK).
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PAGE 03 VIENNA 02665 201508Z

15. DON'T KNOW IF ANY OF ABOVE IS "NEW" BUT IT COVERS
THE PRIMARY POINTS OF DISCUSSION ON HANFORD. HANFORD,
PLUTONIUM, MARKS AND STEWART WERE THE SUBJECT OF PART
OF A VIENNA NEWSCAST ON SATURDAY AFTERNOON, BUT I
COULDN'T UNDERSTAND IT EXCEPT FOR THE REFERENCES.

16. SID DID VERY WELL -- CAME ACROSS AS REASONED,
METHODICAL AND OBJECTIVE. S-K CAME ACROSS AS TRYING TO
PROVE A POINT AND PERHAPS A BIT OPPORTUNISTIC. OF
COURSE, THE AUDIENCE WITH SOME NOTABLE AND VOCAL EX-
CEPTIONS BASICALLY WAS POSITIVE RE NUCLEAR MATTERS.

17. AM SENDING YOU TWO PAPERS WHICH GENERATED CONVERSA-
TIONS WITH CONCERN FOR THE FUTURE:

A) COGGLE IN PAT LINDOP'S LAB AT ST. BART'S RE THE HOT
PARTICLE MAY ATTEMPT TO RESURRECT THE CONTROVERSY.

B) BRANDOM RE U MINERS AND PU WORKERS.

18. INFORMAL EVENING SESSIONS INTERESTED IN WHAT DOE

DOING RE EXPTL COMBINED INSULT STUDIES AND HUMAN
STUDIES.

19. SEVERAL SUGGESTIONS MADE FOR INTERNATIONAL GUIDANCE
RE OCCUPATIONAL STUDIES.

20. TRUST ALL IS PEACEFUL AND WELL. HAPPY EASTER.
LABOWITZ

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